

# SAFETY AND OPERATING MANUAL 405mm Scroll Saw SS405



# **ORIGINAL INSTRUCTIONS**



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### **Welcome to Lumberjack!**

Dear Customer, Congratulations on your purchase. Before using the product for the first time please be sure to read these instructions for use.

They provide you with all the information necessary for using the product safely and to ensure its long service life.

Closely observe all safety information in these instructions!

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### **GENERAL POWER TOOL SAFETY WARNINGS**

WARNING Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference. The term "power tool" in the warnings refers to your electric (corded) power tool or battery-operated (cordless) power tool.

#### 1. Work area safety

- a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
- b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

#### 2. Electrical safety

- a) Power tool plugs must match the outlet.

  Never modify the plug in any way. Do not use any adapter plugs with grounded power tools.

  Unmodified plugs and matching outlets will reduce risk of electric shock.
- b) Avoid body contact with grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is grounded.
- c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool.

  Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.

#### 3. Personal safety

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
- b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.



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### **GENERAL POWER TOOL SAFETY WARNINGS**

- e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.
- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

#### 4. Power tool use and care

- a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

- e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

#### 5. Service

- a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.
- b) If the replacement of the supply cord is necessary, this has to be done by the manufacturer or its agent in order to avoid a safety hazard.

# 6. Additional Safety and Working Instructions

a) Dusts from materials such as lead-containing coatings, some wood types, minerals and metals can be harmful to one's health and cause allergic reactions, leading to respiratory infections and/or cancer. Materials containing asbestos may only be worked by specialists. Observe the relevant regulations in your country for the materials to be worked.



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### **GENERAL POWER TOOL SAFETY WARNINGS**

**b)** Prevent dust accumulation at the workplace. Dusts can easily ignite.

#### 7 Additional Warnings for Scroll Saws

- a) This scroll saw is intended for use in dry conditions, and indoor use only.
- b) Do not cut pieces of material too small to hold by hand outside the blade guard.
- c) Avoid awkward hand positions where a sudden slip could cause a hand to move into the blade.
- d) Always use the blade guard to avoid possible injury due to blade breakages.
- e) Never leave the scroll saw work area with the power on, or before the machine has come to a complete stop.
- f) Do not perform layout, assembly or set up work on the table whilst the cutting tool is in operation.
- g) Never turn the scroll saw on before clearing the table of all objects.
- 8. Using an Extension Cable.
- a) If an extension cable is required, use an approved triple core extension cable suitable for the power input of the tool.
- b) Grounded tools always require a three wire extension cable.
- c) As the distance from the supply outlet increases you must use a heavier gauge extension cable. Using extension cables with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage.

- d) The smaller the gauge number of the wire the greater the capacity of the cord.
- f) When using a cable reel, always unwind the cable completely.



### **SYMBOLS AND POWER RATING CHART**



Danger! – Read the operating instructions to reduce the risk of injury.



Caution! Wear safety goggles.



Caution! Wear ear defenders.



Caution! Risk of Injury! Do not reach into the running saw blade.



Caution! Wear a dust mask.



### **MACHINE DETAILS AND PRODUCT FEATURES**

### **Machine Details**

#### **Specifications:**

Mains Voltage - 230V / 50Hz

Power Consumption - 125W(S2 5min)

No load Speed - 550-1700rpm

Bench Size - 255 X 415mm

Blade Length - 127mm

Working Depth - 405mm

Lifting Movement - 20mm

Max. cutting thickness - 52mm

Lamp - 12V.10W

(Incandescent)

Gross Weight - 14.6kg Nett Weight - 13.0kg

Note:

(S2 5mins) indicates short-time operation. Operate the product at working load for 5 minutes. Then allow the product to cool down to room temperature.

#### **Intended Use**

This power tool is intended to cut wood only. Any other use is considered as not intended use and any damages or injuries result from this unintended use is at operators own risk.

This item is also not intended to be used for continuous production or production line use.

### **Package Contents:**

Scroll Saw

Protection cover

Blade subframe

Blade

Screw

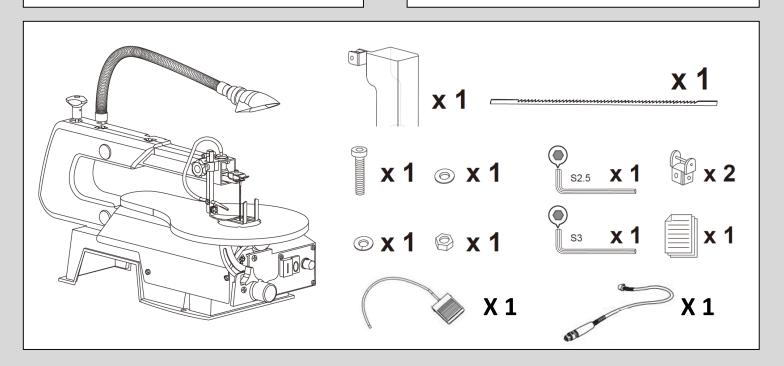
Washer

2.5mm Hex wrench

3mm Hex wrench

Foot Pedal

**Rotary Tool** 



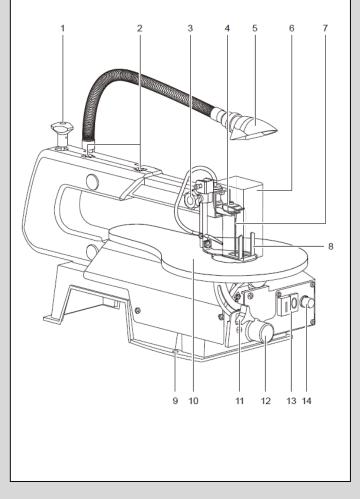
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### PRODUCT FEATURES & ASSEMBLY INSTRUCTIONS

#### **Product Features**

- 1. Blade tension adjustment knob
- 2. Blade adaptor setting hole
- 3. Drop foot lock knob
- 4. Blade support
- 5. Adjustable lamp
- 6. Blade guard
- 7. Blade
- 8. Drop foot
- 9. Mounting hole
- 10. Work table
- 11. Work table lock knob
- 12. Dust port
- 13.On/off Switch
- 14. Variable speed switch



### **Assembly**

Avoid unintentional starting of the machine.

During assembly and for all work on the machine,
the power plug must not be connected to the
mains supply.

Carefully remove all parts included in the delivery from their packaging.

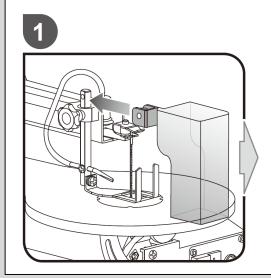
Remove all packaging material from the machine and the accessories provided.

Before starting the operation of the machine for the first time, check if all parts listed in the box content section have been supplied

**Note:** Check the power tool for possible damage. Before further use of the machine, check that all protective devices are fully functional. Any lightly damaged parts must be carefully checked to ensure flawless operation of the tool. All parts must be properly mounted and all conditions fulfilled that ensure faultless operation.

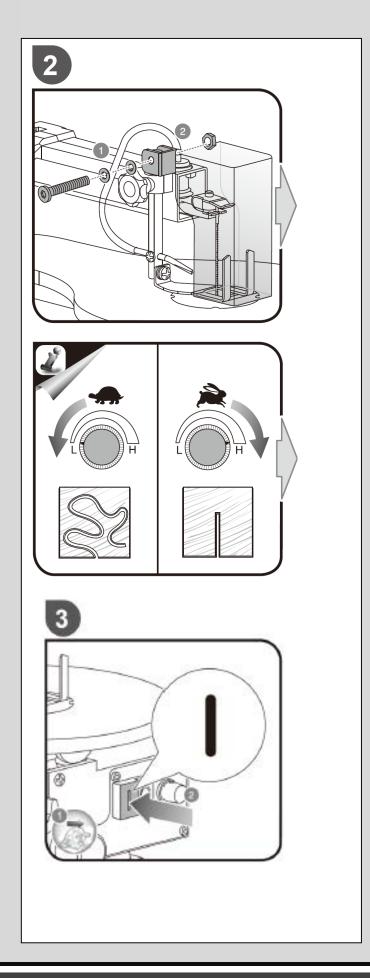
Damaged protective devices and parts must be immediately replaced by an authorised service centre.

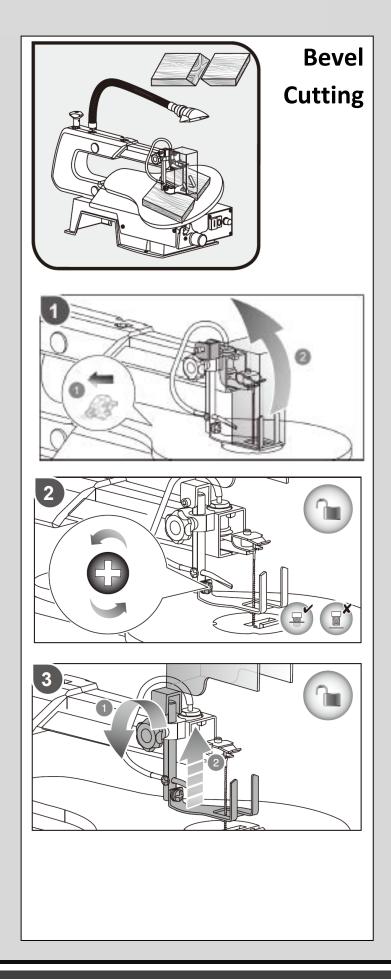
### Assembling and getting started

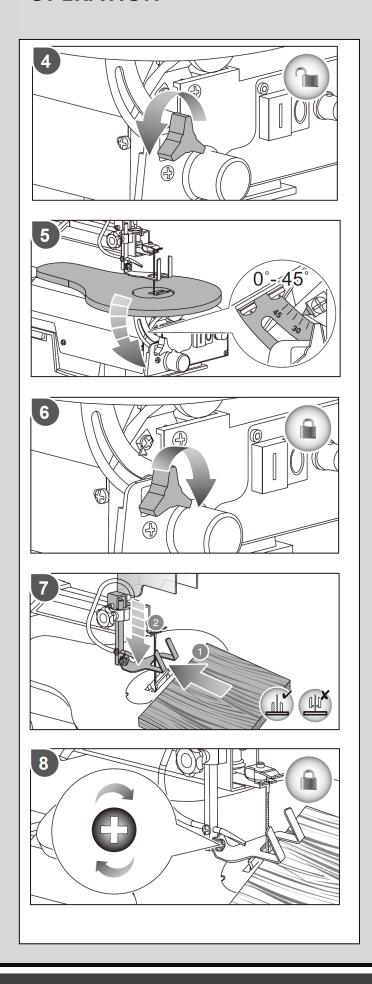


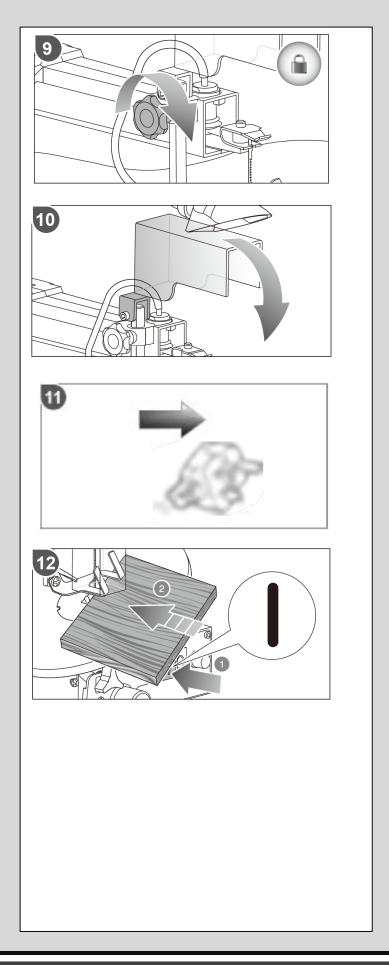
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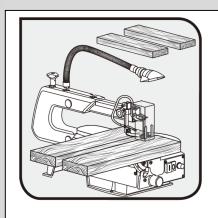
### **ASSEMBLY INSTRUCTIONS & OPERATION**



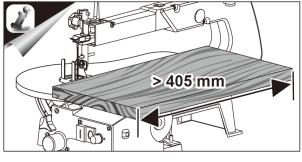


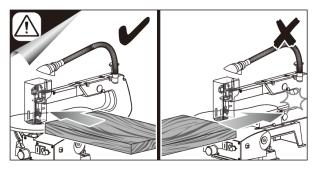


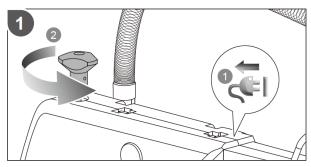


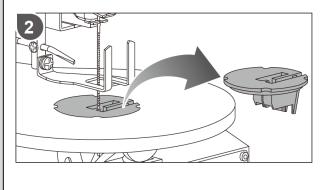


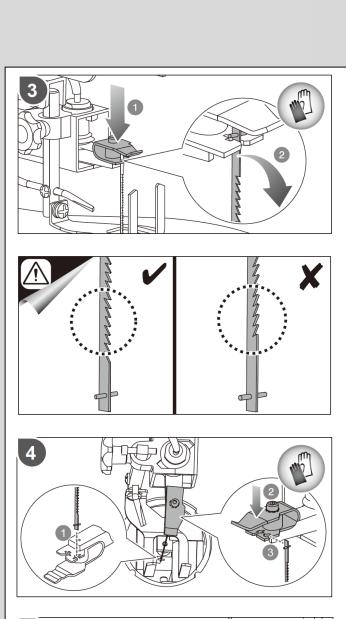
90° Cutting

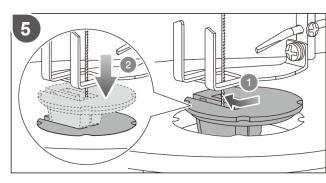


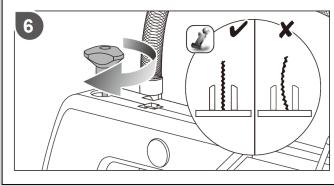


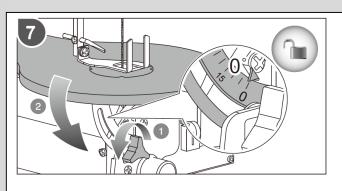


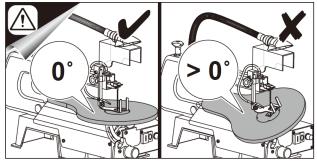


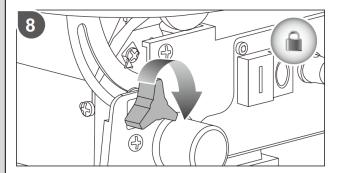


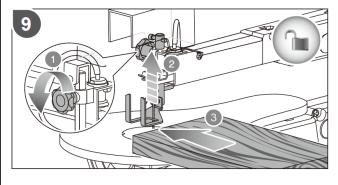


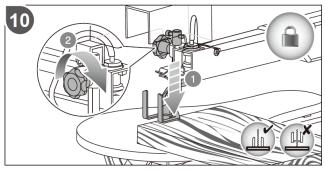


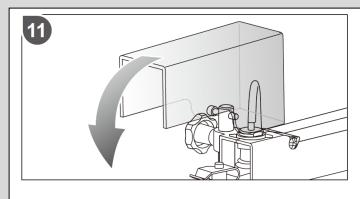


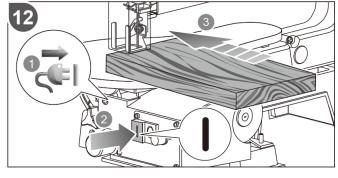


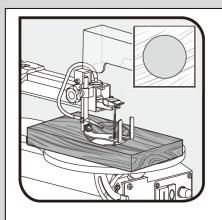




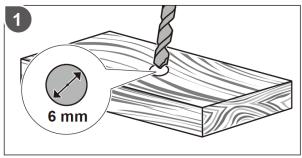


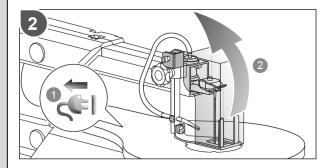


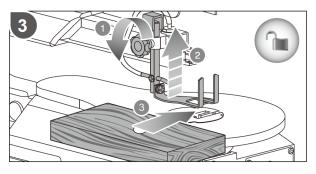


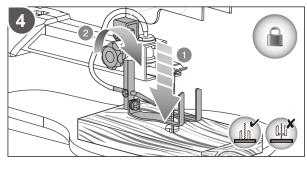


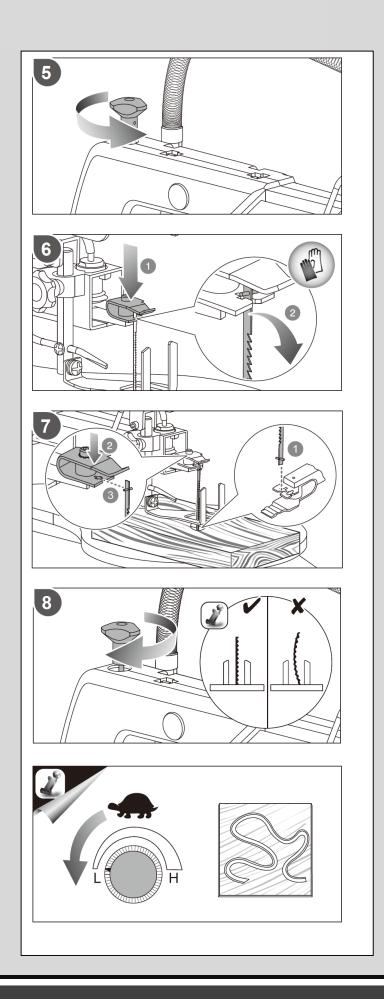
Cutting
Out A
Circle

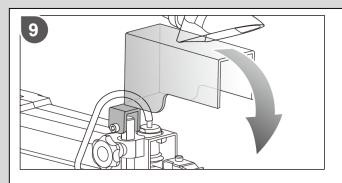


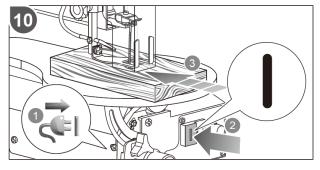


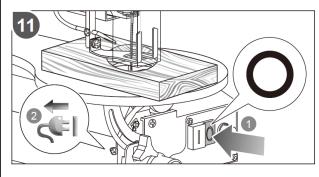


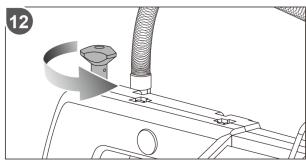


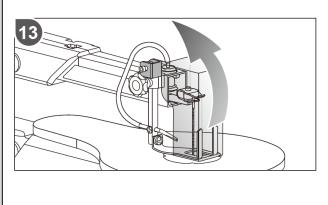


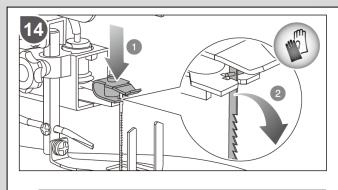


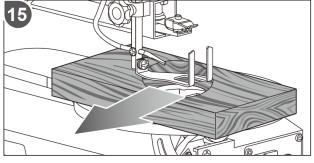




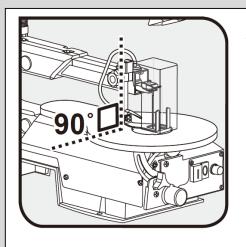




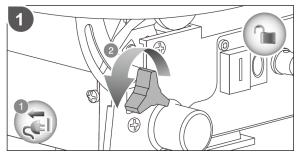


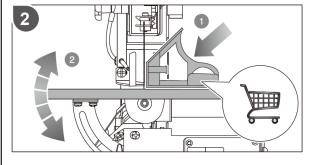


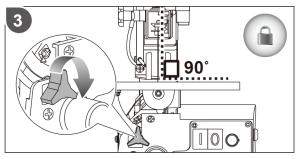
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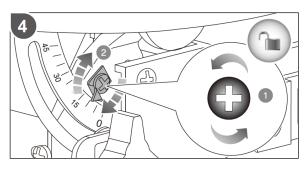


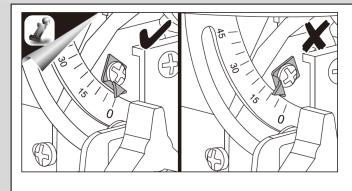
Aligning The Table And Blade

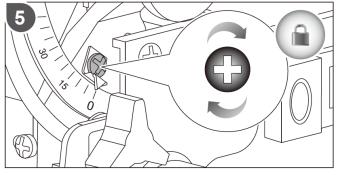












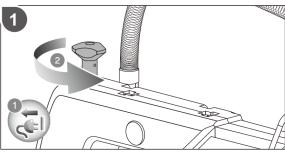
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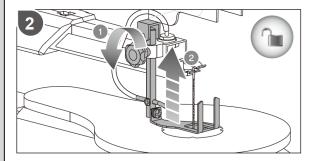


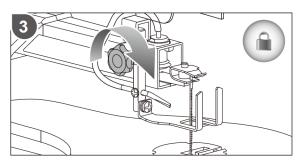
### **MAINTENANCE AND SERVICE**

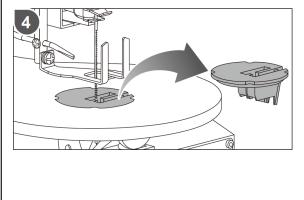


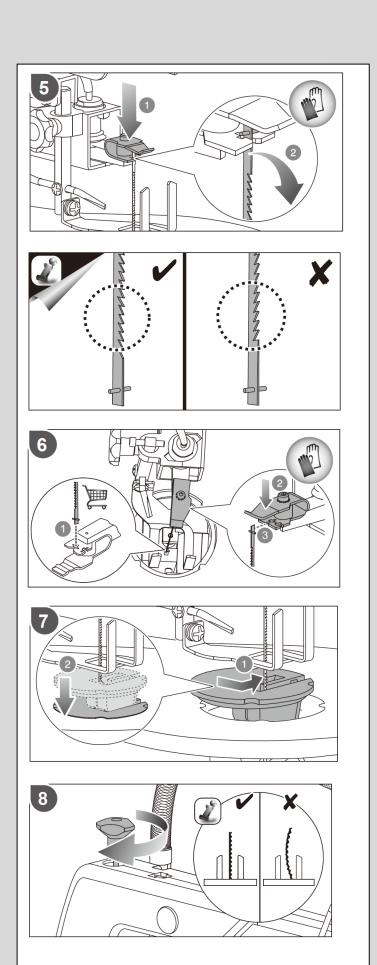
# Changing Blade





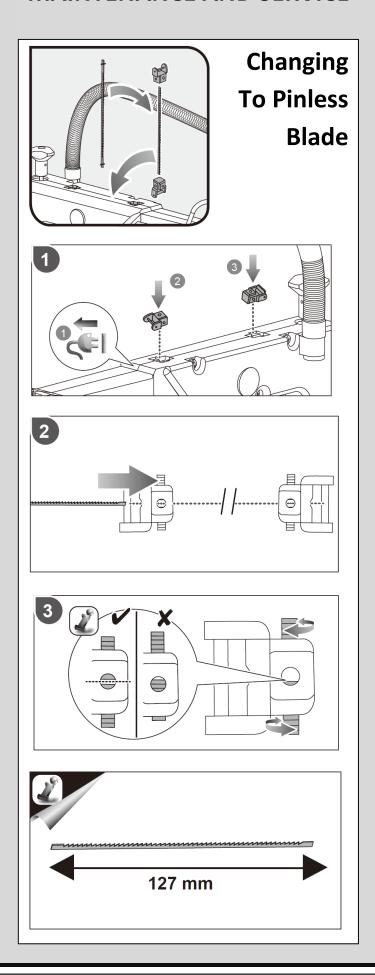


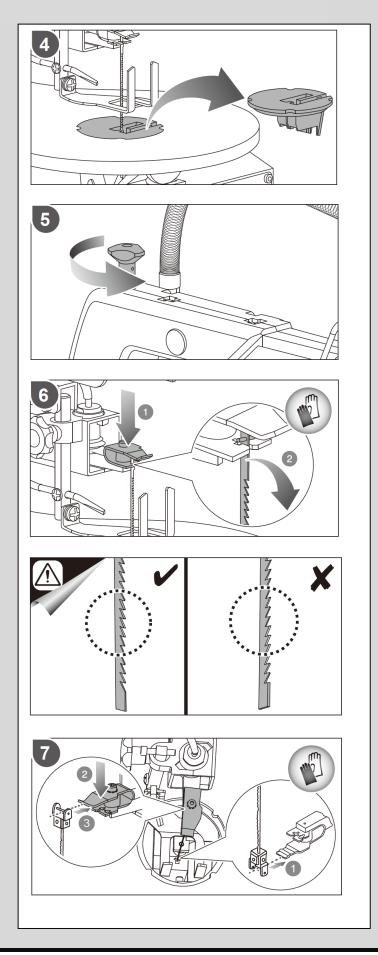




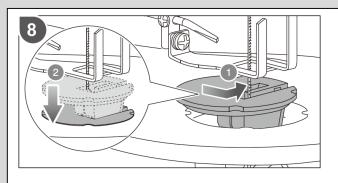
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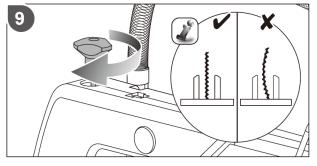
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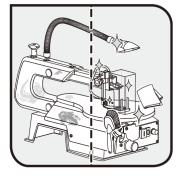




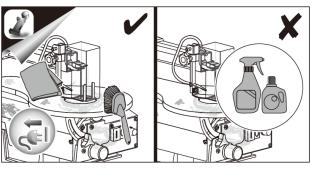
### **MAINTENANCE AND SERVICE**



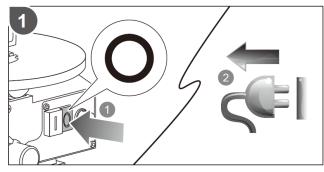


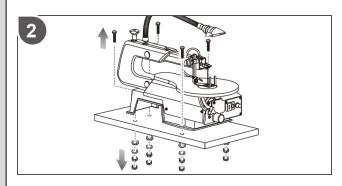


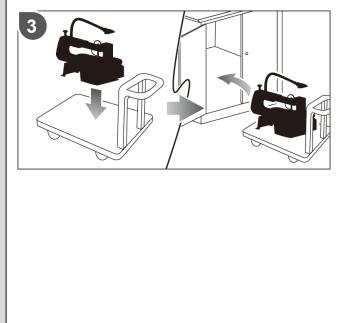
Keeping The Machine Clean











### **LUMBERJACK GUARANTEE**

#### 1. Guarantee

- **1.1** Lumberjack guarantees that for a period of 12 months from the date of purchase the components of qualifying products (see clauses 1.2.1 to 1.2.8) will be free from defects caused by faulty construction or manufacture.
- **1.2.** During this period Lumberjack, will repair or replace free of charge any parts which are proved to be faulty in accordance with paragraph 1.1 providing that:
- **1.2.1** You follow the claims procedure set out in clause 2
- **1.2.2** Lumberjack and its authorised dealers are given reasonable opportunity after receiving notice of the claim to examine the product
- 1.2.3 If asked to do so by Lumberjack or its
  Authorised dealer, you return the product at
  your own cost to Lumberjack's or supplying
  Authorised Dealer's premises, for the
  examination to take place clearly stating the
  Returns Material Authorisation number given by
  Lumberjack or an Authorised Dealer.
- **1.2.4** The fault in question is not caused by industrial use, accidental damage, fair wear and tear, wilful damage, neglect, incorrect electrical connection, misuse, or alteration or repair of the product without approval.
- **1.2.5** The product has been used in a domestic environment only
- **1.2.6** The fault does not relate to consumable items such as blades, bearings, drive belts, or other wearing parts which can reasonably be expected to wear at different rates depending on usage.

- **1.2.7** The product has not been used for hire purposes.
- **1.2.8** The product has been purchased by you as the guarantee is not transferable from a private sale.

#### 2. Claims Procedure

- **2.1** In the first instance please contact the Authorised Dealer who supplied the product to you. In our experience many initial problems with machines that are thought to be faulty due to faulty parts are actually solved by correct setting up or adjustment of the machine. A good Authorised Dealer should be able to resolve the majority of these issues much more quickly than processing a claim under the guarantee. If a return is requested by the Authorised Dealer or Lumberjack, you will be provided with a Returns Material Authorisation number which must be clearly stated on the returned package, and any accompanying correspondence. Failure to provide a Returns Material Authorisation number may result in item being refused delivery at Authorised Dealer.
- **2.2** Any issues with the product resulting in a potential claim under the guarantee must be reported to the Authorised Dealer from which it was purchased within 48 hours of Receipt.
- **2.3** If the Authorised Dealer who supplied the product to you has been unable to satisfy your query, any claims made under this Guarantee should be made directly to Lumberjack. The Claim itself should be made in a letter setting out the date and place of purchase, giving a brief explanation of the problem which has led to the claim. This letter should be then sent with proof



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### **LUMBERJACK GUARANTEE**

of purchase to Lumberjack. If you include a contact number with this it will speed your claim up.

**2.4** Please note that it is essential that the letter of claim reaches Lumberjack on the last day of this Guarantee at the latest. Late claims will not be considered.

#### 3. Limitation of Liability

- **3.1** We only supply products for domestic and private use. You agree not to use the product for any commercial, business or resale purposes and we have no liability to you for any loss of profit, loss of business, business interruption or loss of business opportunity.
- **3.2** This Guarantee does not confer any rights other than these expressly set out above and does not cover any claims for consequential loss or damage. This Guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

#### 4. Notice

This Guarantee applies to all product purchased from an Authorised Dealer of Lumberjack within the United Kingdom. Terms of Guarantee may vary in other countries.



### **CE DECLARATION OF CONFORMITY**

**TOOLSAVE** 

Unit C, Manders Ind. Est., Old Heath Road, Wolverhampton, WV1 2RP.

Tel: 01902 450 470

Declares that the SCROLL SAW(SS405)

Is in compliance with the regulations included in the Directives:2006/42/EC

### **EC DECLARATION OF CONFORMITY**

Certificate for EC-type examination delivered by TÜV Rheinland LGA Rheinland LGA Products GmbH – Tillystraße 2 – 90431 Nürnberg (Verification No.:AM 50278793 0001)

Person who declares: Bill Evans



25/08/2020

The Director





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### **Parts List**

No.	Description	No.	Description		
1	Philips Screw (black)	30	Carriage Bolt (white)		
2	Flat Washer (black)	31	Lower blade guide		
3	Side cover	32	Star Washer (black)		
4	Hex Nut,Type I (black)	33	Hex Socket Screw (black)		
5	Standard Spring Washer (black)	34	Holder		
6	Base	35	Blade PIN TYPE		
7	Oil cap	36	Hex Socket Screw (black)		
8	Left arm housing	37	Big cushion		
9	Tension bolt assy	38	Eccentricity connector assembly		
10	Extension spring	39	Closed-line Terminals		
11	Pressure plate	40	Hex Nut, Type I (black)		
12	Standard Spring Washer (black)	41	Switch		
13	Philips Screw (black)	42	Self tapping screw (black)		
14	Lower arm	43	Small cushion		
15	Upper arm	44	Hex Socket Screw (black)		
16	Arm bearing	45	Upper blade guide		
17	Philips Screw (black)	46	Drop foot lock knob		
18	Cord clamp	47	Drop foot fixing pole		
19	Right arm housing	48	Philips Screw (white)		
20	Standard Spring Washer (black)	49	Blast pipe		
21	Philips Screw (white)	50	Drop foot		
22	PVC pipe	51	Washer D6		
23	Bellows cap	52	Philips Screw (black)		
24	Philips Screw (black)	53	Speed adjusting knob		
25	Light assembly	54	Standard Spring Washer (white)		
26	Light	55	Hex socket screw (white)		
27	Fix nut	56	Hex socket screw(black)		
28	Bellows	57	Big washer(BLACK)		
29	Fixing plate	58	Spring 65mn		



### **Parts List**

No.	Description	No.	Description		
59	Hex Socket Screw (black)	81	Blade protector		
60	Work table stand	82	Protective board		
61	Pointer	83	Adjustable Speed potentiometer		
62	Scale	84	Blade		
63	Work table	85	Hex wrench		
64	Work table insert	86	Hex wrench		
65	Transformer	87	Hex Socket Screw (black)		
66	Transformer box	88	Philips Screw (white)		
67	Flat Washer (white)	89	Thin Nut(white)		
68	Philips Screw (black)	90	Standard Spring Washer (white)		
69	Hex socket screw	91	Philips Screw (white)		
70	<b>Eccentricity pulley</b>	92	Flat Washer (white)		
71	Dc motor	93	Standard Spring Washer (white)		
72	Switch box	94	Standard Spring Washer (white)		
73	Cord clip	95	Philips Screw (white)		
74	Philips Screw (black)	96	Standard Spring Washer (white)		
75	SWITCH BOX cover	97	Big washer(WHITE)		
76	Speed circuit board	98	Philips Screw (white)		
77	Work table lock knob	99	Hex Socket Screw (black)		
78	Power cord	100	Hex socket screw		
79	Philips Screw (white)	101	Blade pin type		
80	Hex socket screw(black)	102	Blade		
		103	Foot Pedal		
		104	Rotary Tool		



## **Parts Diagram**

